

Figure 1

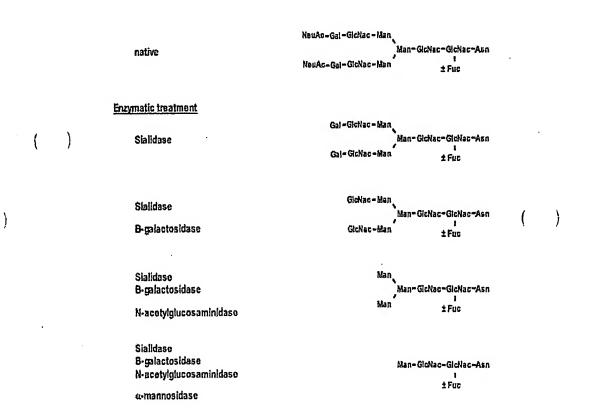


Figure 2

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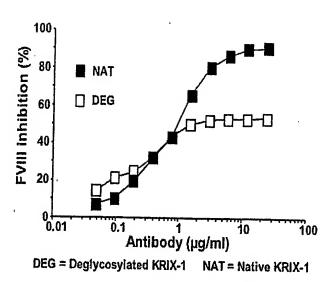


Figure 3

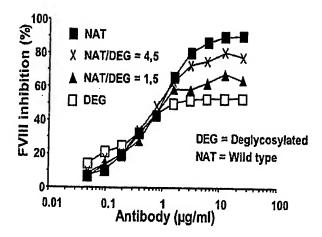


Figure 4

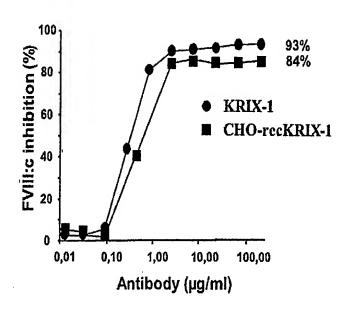


Figure 5

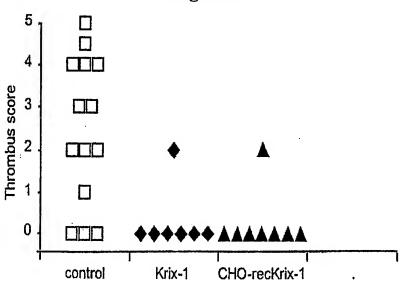


Figure 6

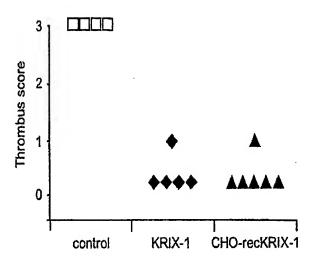


Figure 7

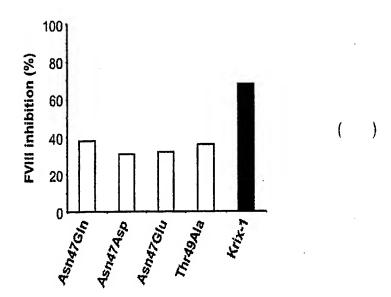


Figure 8

PCT/BE2004/000118

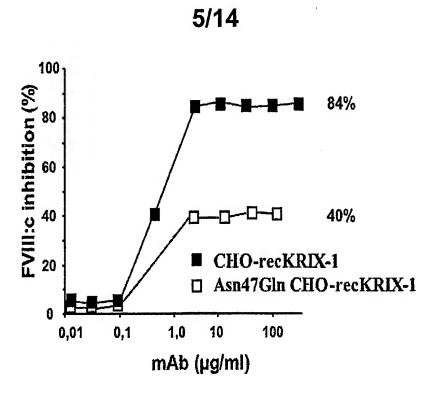


Figure 9

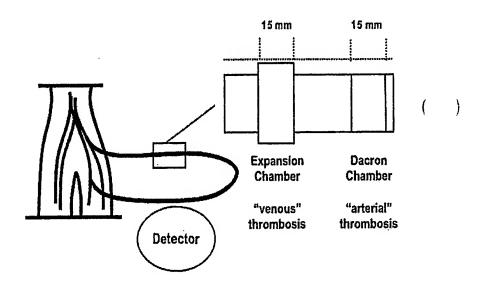
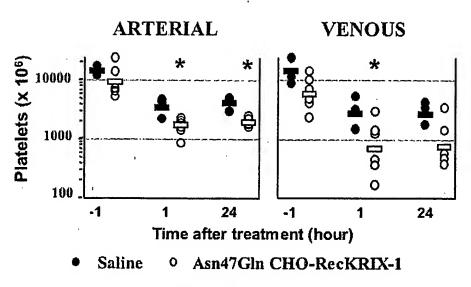


Figure 10

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Geometric meanp < 0.05 Mann-Whitney: Treated versus Saline

Figure 11

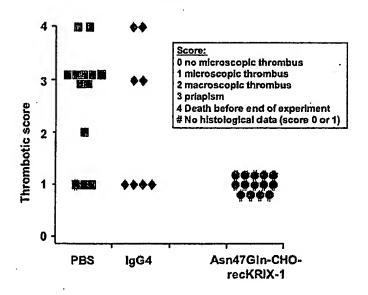
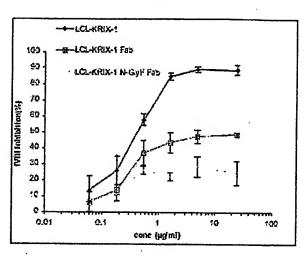
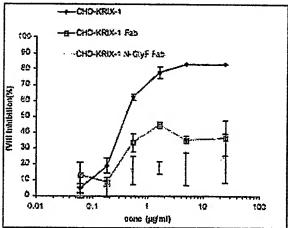


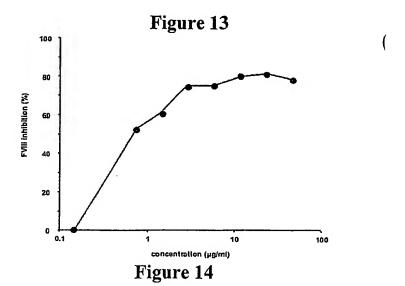
Figure 12

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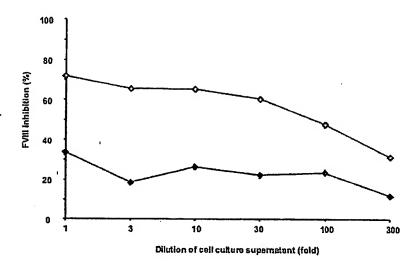


Figure 15

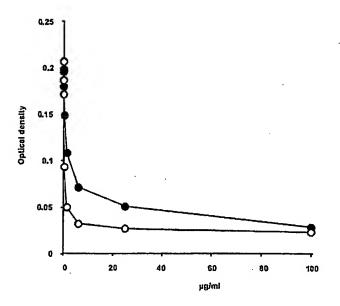


Figure 16

Krix-1 Variable heavy chain (SEQ ID NO: 1 and 2)

M	GAC D	W	T	W	AGG R	1	L	F	L	v	GCA A	Δ	Δ	CLs.	C	3	**	_	CAG Q
61/ GTG	21 CAA	CTG	GTG	CAA	TCT S	GGG	GCT	GAG	GTG	91/ AAG	31 AAG		GGG	GCC					TCC S
121 TGC C		ACC T	TCT S	G	TAC Y	N *	F	T *	G	¥	TCT S	A	S	G	H	I	F	T	GCC A
								~							- CD	R1 -			
181										211	/71								
TAC Y	TCT S	GTG V	CAC H	TGG W	gtg V	CGA R	CAG Q	GCC A	CCT P	GGA G	CAA O	GGG G	CTT	GAG E	TGG W	ATG M	GGA G	AGG R	ATC I
			>				-				~	_		_	••	••	-	<	_
241/81 271/91																			
AAC N	CCT P	AAC N	agt S	GGT G	GCC A	ACA T	GAC D	TAT Y	GCA A	CAT	AAA	TTT F	CAG O	GGC G	AGG R	GTC V	ACC T	ATG M	TCC S
						CDF	22							>	-`	•	•	14	3
	/101									331,	111								
AGG	GAC D	ACG T	TCC S	ATC	AGC	ACA	GCC	TAC	ATG	GAA	CTG	AGC					GAC	GAC	ACG
K	D	r	5	I	S	T	A	Y	M	E	L	S	R	L	T	S	D	D	T
361/		m = m	m> 0							391/	131								
A	ATG M	Y	Y	C	GCG A	aga R	GCC A	GAC D	aac N	TAT Y	TTC F	gat D					TAT Y		TCT S
							<										DR3	<u></u>	
421/	141									451/	151								
CAT	TAC	TTT	GAC	TAC	TGG	GGC	CGG	GGA	ACC	CTG	GTC	ACC	GTC	TCC	TCA	GCC	TCC	ACC .	AAG
н	¥	F.	D	Y	W	G	R	G	T	L	V								K
481/ GGC G	161 CCA	TCG	GTC		c														

Figure 17

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Krix-1 Variable light chain (SEQ ID NO: 3 and 4)

```
ATG GAA ACC CCA GCT CAG CTT CTC TTC CTC CTG CTA CTC TGG CTC CCA GAT ACC ACC GGA
METPAQLLFLLLWLPDTTG
<---->
                        91/31
GAA ATT GTG TTG ACG CAG TCT CCA GGC ACC CTG TCT TTG TCT CCA GGG GAA AGA GCC ACC
EIVLTQSPGTLSLSPGERAT
                        151/51
CTC TCC TGC AGG GCC AGT CAG AGT GTT GCC AGC GCC TAC TTA GCC TGG TAC CAG CAA AAA
LSCRASQSVASAYLAWYQQR
       <---->
                        211/71
CCT GGC CAG GCT CCC AGG CTC CTC ATC TAT GGT GCA TCC AGT AGG GCC ACC GAC ATC CCA
271/91
CAC AGG TTC AGT GGC AGT GGG TCT GGG ACA GAC TTC ACT CTC ACC ATC AGC AGA CTG GAG
HRFSGSGSGT
                        D
                          FTLTISRLE
                        331/111
CCT GAA GAT TIT GCA GTG TAC TAC TGT CAG CAA TAT GGT ACC TCA GCC TTA CTC ACT TTC
P E D F A V Y Y C Q Q Y G T S A L L T F
361/121
                        391/131
GGC GGA GGG ACC AAG GTG GAG ATC AAA CGA ACT GTG GCT GCA CCA TCT GTC TTC ATC TTC
G G G T K V E I K R T V A A P S V F I F
421/141
CCG CCA TCT
PPS
```

Figure 17 (continued)

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scFvLE2E9VLVH Q(His) (SEQ ID 25 and 26) 31/11 atg gaa acc cca gcg cag ctt ctc ttc ctc ctg cta ctc tgg ctc cca gat acc acc gga M E T P A Q L L F L L L L W L P D T T G----- Leader peptide -----61/21 91/31 gaa att gtg ttg acg cag tct coa ggc acc ctg tct ttg tct cca ggg gaa aga gcc acc EIVLTQSPGTLSLSPGERAT 121/41 151/51 ctc tcc tgc agg gcc agt cag agt gtt gcc agc gcc tac tta gcc tgg tac cag caa aaa LSCRASQSVASAYLAWYQQK 211/71 cet gge cag get cec agg etc etc atc tat ggt gea tec agt agg gec acc gac atc eca P G Q A P R L L I Y G A S S R A T D I P 271/91 cac agg tto agt ggc agt ggg tct ggg aca gac ttc act ctc acc atc agc aga ctg gag H R F S G S G S G T D F T L T I S R L E 301/101 331/111 cot gaa gat ttt gca gtg tac tac tgt cag caa tat ggt acc tca gcc tta ctc act ttc P $_{\uparrow}$ B D F A V Y Y C Q Q Y G T S A L L T F 391/131 421/141 451/151 ggc ggt ggc gga tcg cag gta cag ctg gtg cag tct ggg gct gag gtg aag aag cct ggg G G G G S Q V Q L V Q S G A E V K K P G 481/161 511/171 gee tea gtg aag gte tee tge aag ace tet gga tae caa tte ace gge tae tet get tet A S V K V S C K T S G Y Q F T G Y S A S Gln47 Thr49

Figure 18

571/191

gga cat atc ttc acc gcc tac tct gtg cac tgg gtg cga cag gcc cct gga caa ggg ctt G H I F T A Y S V H W V R Q A P G Q G L

601/201 gag tgg atg gga agg atc aac cct aac agt										631/211										
gag E	w W	atg M	gga G	agg R	atc I	aac N	cct P	aac N	agt S	ggt G	gcc A	aca T	gac D	tat Y	gca A	cat H	aaa K	ttt F		
	/221										/231									
G	agg R	y te	acc T	atg M	S	agg R	gac D	acg T	tcc S	atc I	agc S	aca T	gcc	tac Y	atg M	gaa	ctg	agc	agg	
721/		.								751,	/251									
L	aca T	S	gac D	gac D	aça T	gcc A	atg M	tat Y	tac Y	tgt C	gcg A	aga R	gcc A	gac D	aac N	tat v	ttc	gat	att T	
781/		aac	+-+	20+	tat					811/	271									
v	T	G	Y	T	S	H	Y	F	gac D	tac Y	tgg W	ggc	cgg R	gga G	acc T	ctg L	gtc v		gtc V	
																	· -			
841/		an+	 +		4:															
tcc s	S	H	H	cat H	cat H	cat H	cat H	tga *												
								•												

Figure 18 (continued)

RHD5 heavy chain variable region (SEQ ID NO: 29 and 30)

1/1 ATG M	GAC D	TGG W	ACC T	TGG W	AGG R	TTC F	CTC L	TTI F	GTG	31/ GTG V	GCA	GCA A	GCT A	GCA A	GGT G	GTC V	CAG Q	TCC S	CAG Q
<	<pre>< Leader peptide></pre>																		
01/	2									91/	31								
GTG V	CAG	CTG L	GTG V	CAG	TCT	GGG	GCT	GAG	GTG	AAG	AAG	CCC					ATG	GTC	TCC
٧	Ō.	т	V	Q	S	G	A	E	V	K	K	P	G	S	S	V	M	V	s
121/41 151/51																			
TGC	AAG	GCT	TCT	GGA	GGC	ACC	TTC	AGC	AGC	TTT	GGT	ATC	AGC	TGG	CTC	CCA	CAG	CCC	CCIII
C	K	A	S	G	G	T	F'	S	S	F	G	I	S	W	v	R	Q	A	P
				,<·				c	DR1				>				_		_
101	-0.7																		
		GGG	CTT	CAC	тсс	GTC.	CCA	ccc	N IDO	211,	/71	3.000	~~~						
G	Q	G	L	E	W	v	G	G	I	I	P	I	F	GGT	ACA T	GCA A			
	_					•	•										N	T	A
241/										271,	/91								
R	AAC	TTC	CAG	AAT	AGA	GTC	ACC	ATT	ACC							ACA	GCC	TAC	ATA
			Q	N	R	V	T	I	T	A	D	E	F	T	S	T	A	Y	I
•																			
301/	101									331/	111								
CGA	CTG	AGG	AGC	CTG	AGA	TCT	GAA	GAT	ACG	GCC	GTG	TAT	TAC	TGT	GTC	GGC	GGT	CGA	GAT
R	L	R	S	L	R	S	E	D	T							G		_	D
																	<		
361/	121									391/	4 24								
		AGC	TTT	GAT	GGT	TTT	GAT	GTC	TGG	CCC SAT	TST	ccc	202	N III C	cma	200	ama.		
A	Y	S	F	D	G	F	D	v	W	G	0							_	TÇA S
		CDF	23				>				-	_	_	••	•	•	•	5	3
		•																	
421/																			
GCC A		ACC T						TTC											
<				-	_		-	_	P										
-						7-044		-											

Figure 19

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RHD5 Light Chain Variable Region (SEQ ID N0: 31 And 32)

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31/11
ATG GCA TGG ATC CCT CTC TTC CTC GGC GTC CTT GTT TAC TGC ACA GGA TCC GTG GCC TCC
M A W I P L F L G V L V Y C T G S V A S
<----> Leader peptide ---->
61/21
                            91/31
TCT GGG CTG ACT CAG CCA CAC TCA GTG TCC GTG TCC CCA GGA CAG ACA GCC AAC ATC ACC
S G L T Q P H S V S V S P G Q T A N I T
121/41
                            151/51
TGC TCT AGA GAT AAG TTG GGT CAT AAA TTT GCT TCC TGG TAT CAA CAG AAG CCA GGC CAG
C S R D K L G H K F A S W Y Q Q K P G Q
   <---->
181/61
                            211/71
TCC CCT GCT CTT CTC ATC TAT CAA GAC AGC AAG CGG CCC TCA GGG ATC CCT GAG CGA TTC
S P A L L I Y Q D S K R P S G I P E R F
                    <----> CDR2 ---->
241/81
TCT GGC TCC AAC TCT GGG AAC ACA GCC ACT CTG ACC ATC AGC GGG ACC CAG GCT ATG GAT
S G S N S G N T A T L T I S G T Q A M D
301/101
                            331/111
GAG GCT GAC TAT TAC TGT CAG GCG TGG GAC AAC ACC ACT GCC GTA TTC GGC GGA GGG ACC
E A D Y Y C Q A W D N T T A V F G G G
              <---->
                            391/131
AAG TTG ACA GTC CTA AGT CAG CCC AAG GCT GCC CCC TCG GTC ACT CTG TTC CCG CCC TCC
K L T V L S Q P K A A P S V T L F P P S
              <-----constant region-----
```

Figure 19 (continued)

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